

Dan R Littman

List of Publications by Year in descending order

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256
papers

100,477
citations

339

140
h-index

738

257
g-index

269
all docs

269
docs citations

269
times ranked

88353
citing authors

#	ARTICLE	IF	CITATIONS
1	The Orphan Nuclear Receptor ROR γ 3t Directs the Differentiation Program of Proinflammatory IL-17+ T Helper Cells. <i>Cell</i> , 2006, 126, 1121-1133.	13.5	4,470
2	Induction of Intestinal Th17 Cells by Segmented Filamentous Bacteria. <i>Cell</i> , 2009, 139, 485-498.	13.5	3,818
3	Identification of a major co-receptor for primary isolates of HIV-1. <i>Nature</i> , 1996, 381, 661-666.	13.7	3,667
4	Interactions Between the Microbiota and the Immune System. <i>Science</i> , 2012, 336, 1268-1273.	6.0	3,422
5	ATP mediates rapid microglial response to local brain injury in vivo. <i>Nature Neuroscience</i> , 2005, 8, 752-758.	7.1	3,272
6	Blood Monocytes Consist of Two Principal Subsets with Distinct Migratory Properties. <i>Immunity</i> , 2003, 19, 71-82.	6.6	2,947
7	Analysis of Fractalkine Receptor CX3CR1 Function by Targeted Deletion and Green Fluorescent Protein Reporter Gene Insertion. <i>Molecular and Cellular Biology</i> , 2000, 20, 4106-4114.	1.1	2,319
8	Function of the chemokine receptor CXCR4 in haematopoiesis and in cerebellar development. <i>Nature</i> , 1998, 393, 595-599.	13.7	2,303
9	DC-SIGN, a Dendritic Cell-Specific HIV-1-Binding Protein that Enhances trans-Infection of T Cells. <i>Cell</i> , 2000, 100, 587-597.	13.5	2,214
10	Signal transduction by lymphocyte antigen receptors. <i>Cell</i> , 1994, 76, 263-274.	13.5	2,108
11	Microglia Promote Learning-Dependent Synapse Formation through Brain-Derived Neurotrophic Factor. <i>Cell</i> , 2013, 155, 1596-1609.	13.5	2,013
12	IL-6 programs TH-17 cell differentiation by promoting sequential engagement of the IL-21 and IL-23 pathways. <i>Nature Immunology</i> , 2007, 8, 967-974.	7.0	1,873
13	TGF- β 2-induced Foxp3 inhibits TH17 cell differentiation by antagonizing ROR γ 3t function. <i>Nature</i> , 2008, 453, 236-240.	13.7	1,649
14	In Vivo Depletion of CD11c+ Dendritic Cells Abrogates Priming of CD8+ T Cells by Exogenous Cell-Associated Antigens. <i>Immunity</i> , 2002, 17, 211-220.	6.6	1,579
15	Expansion of intestinal <i>Prevotella copri</i> correlates with enhanced susceptibility to arthritis. <i>ELife</i> , 2013, 2, e01202.	2.8	1,507
16	Specific Microbiota Direct the Differentiation of IL-17-Producing T-Helper Cells in the Mucosa of the Small Intestine. <i>Cell Host and Microbe</i> , 2008, 4, 337-349.	5.1	1,495
17	CX3CR1-Mediated Dendritic Cell Access to the Intestinal Lumen and Bacterial Clearance. <i>Science</i> , 2005, 307, 254-258.	6.0	1,449
18	The differentiation of human TH-17 cells requires transforming growth factor- β 2 and induction of the nuclear receptor ROR γ 3t. <i>Nature Immunology</i> , 2008, 9, 641-649.	7.0	1,426

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19	Gut-Residing Segmented Filamentous Bacteria Drive Autoimmune Arthritis via T Helper 17 Cells. <i>Immunity</i> , 2010, 32, 815-827.	6.6	1,391
20	The microbiota in adaptive immune homeostasis and disease. <i>Nature</i> , 2016, 535, 75-84.	13.7	1,336
21	Control of microglial neurotoxicity by the fractalkine receptor. <i>Nature Neuroscience</i> , 2006, 9, 917-924.	7.1	1,334
22	Plasticity of CD4+ T Cell Lineage Differentiation. <i>Immunity</i> , 2009, 30, 646-655.	6.6	1,306
23	A novel chemokine receptor for SDF-1 and I-TAC involved in cell survival, cell adhesion, and tumor development. <i>Journal of Experimental Medicine</i> , 2006, 203, 2201-2213.	4.2	1,128
24	Sparse and Compositionally Robust Inference of Microbial Ecological Networks. <i>PLoS Computational Biology</i> , 2015, 11, e1004226.	1.5	1,089
25	A Validated Regulatory Network for Th17 Cell Specification. <i>Cell</i> , 2012, 151, 289-303.	13.5	1,010
26	Innate lymphoid cells drive interleukin-23-dependent innate intestinal pathology. <i>Nature</i> , 2010, 464, 1371-1375.	13.7	978
27	Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. <i>Nature Medicine</i> , 2003, 9, 61-67.	15.2	931
28	A Clonogenic Bone Marrow Progenitor Specific for Macrophages and Dendritic Cells. <i>Science</i> , 2006, 311, 83-87.	6.0	924
29	Th17 and Regulatory T Cells in Mediating and Restraining Inflammation. <i>Cell</i> , 2010, 140, 845-858.	13.5	887
30	An essential function for the nuclear receptor ROR γ t in the generation of fetal lymphoid tissue inducer cells. <i>Nature Immunology</i> , 2004, 5, 64-73.	7.0	885
31	PKC- ζ is required for TCR-induced NF- κ B activation in mature but not immature T lymphocytes. <i>Nature</i> , 2000, 404, 402-407.	13.7	847
32	The maternal interleukin-17a pathway in mice promotes autism-like phenotypes in offspring. <i>Science</i> , 2016, 351, 933-939.	6.0	844
33	Expression cloning of new receptors used by simian and human immunodeficiency viruses. <i>Nature</i> , 1997, 388, 296-300.	13.7	725
34	Bile acid metabolites control TH17 and Treg cell differentiation. <i>Nature</i> , 2019, 576, 143-148.	13.7	695
35	The Microbiome in Infectious Disease and Inflammation. <i>Annual Review of Immunology</i> , 2012, 30, 759-795.	9.5	688
36	Requirement for ROR γ in Thymocyte Survival and Lymphoid Organ Development. <i>Science</i> , 2000, 288, 2369-2373.	6.0	676

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37	Differential Requirements for Runx Proteins in CD4 Repression and Epigenetic Silencing during T Lymphocyte Development. <i>Cell</i> , 2002, 111, 621-633.	13.5	672
38	Lymphoid tissue inducer-like cells are an innate source of IL-17 and IL-22. <i>Journal of Experimental Medicine</i> , 2009, 206, 35-41.	4.2	653
39	Interaction of the unique N-terminal region of tyrosine kinase p56lck with cytoplasmic domains of CD4 and CD8 is mediated by cysteine motifs. <i>Cell</i> , 1990, 60, 755-765.	13.5	646
40	Identification of IL-17-producing FOXP3 ⁺ regulatory T cells in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4793-4798.	3.3	625
41	Decreased Bacterial Diversity Characterizes the Altered Gut Microbiota in Patients With Psoriatic Arthritis, Resembling Dysbiosis in Inflammatory Bowel Disease. <i>Arthritis and Rheumatology</i> , 2015, 67, 128-139.	2.9	602
42	In vivo evolution of HIV-1 co-receptor usage and sensitivity to chemokine-mediated suppression. <i>Nature Medicine</i> , 1997, 3, 1259-1265.	15.2	595
43	Intravascular Immune Surveillance by CXCR6 ⁺ NKT Cells Patrolling Liver Sinusoids. <i>PLoS Biology</i> , 2005, 3, e113.	2.6	590
44	A Coordinated Change in Chemokine Responsiveness Guides Plasma Cell Movements. <i>Journal of Experimental Medicine</i> , 2001, 194, 45-56.	4.2	589
45	DICER1 deficit induces Alu RNA toxicity in age-related macular degeneration. <i>Nature</i> , 2011, 471, 325-330.	13.7	573
46	Neuropilin 1 is expressed on thymus-derived natural regulatory T cells, but not mucosa-generated induced Foxp3 ⁺ T reg cells. <i>Journal of Experimental Medicine</i> , 2012, 209, 1723-1742.	4.2	530
47	Influence of the transcription factor ROR γ t on the development of NKp46 ⁺ cell populations in gut and skin. <i>Nature Immunology</i> , 2009, 10, 75-82.	7.0	507
48	A binding site for the T-cell co-receptor CD8 on the β domain of HLA-A2. <i>Nature</i> , 1990, 345, 41-46.	13.7	504
49	Inflammatory Chemokine Transport and Presentation in HEV. <i>Journal of Experimental Medicine</i> , 2001, 194, 1361-1374.	4.2	504
50	Digoxin and its derivatives suppress TH17 cell differentiation by antagonizing ROR γ t activity. <i>Nature</i> , 2011, 472, 486-490.	13.7	494
51	Chemokine Requirements for B Cell Entry to Lymph Nodes and Peyer's Patches. <i>Journal of Experimental Medicine</i> , 2002, 196, 65-75.	4.2	479
52	Maternal gut bacteria promote neurodevelopmental abnormalities in mouse offspring. <i>Nature</i> , 2017, 549, 528-532.	13.7	478
53	DC-SIGN-Mediated Internalization of HIV Is Required for Trans-Enhancement of T Cell Infection. <i>Immunity</i> , 2002, 16, 135-144.	6.6	477
54	An IL-23R/IL-22 Circuit Regulates Epithelial Serum Amyloid A to Promote Local Effector Th17 Responses. <i>Cell</i> , 2015, 163, 381-393.	13.5	474

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55	Role of the Commensal Microbiota in Normal and Pathogenic Host Immune Responses. <i>Cell Host and Microbe</i> , 2011, 10, 311-323.	5.1	458
56	Thymic Origin of Intestinal $\gamma\delta$ T Cells Revealed by Fate Mapping of ROR γ t+ Cells. <i>Science</i> , 2004, 305, 248-251.	6.0	457
57	Interleukin 23 Production by Intestinal CD103+CD11b+ Dendritic Cells in Response to Bacterial Flagellin Enhances Mucosal Innate Immune Defense. <i>Immunity</i> , 2012, 36, 276-287.	6.6	450
58	Focused specificity of intestinal TH17 cells towards commensal bacterial antigens. <i>Nature</i> , 2014, 510, 152-156.	13.7	429
59	Requirement for association of p56lck with CD4 in antigen-specific signal transduction in T cells. <i>Cell</i> , 1991, 64, 511-520.	13.5	424
60	Cell-cell adhesion mediated by CD8 and MHC class I molecules. <i>Nature</i> , 1988, 336, 79-81.	13.7	408
61	Transcriptional regulation of Th17 cell differentiation. <i>Seminars in Immunology</i> , 2007, 19, 409-417.	2.7	408
62	ROR γ t-Expressing Th17 Cells Induce Murine Chronic Intestinal Inflammation via Redundant Effects of IL-17A and IL-17F. <i>Gastroenterology</i> , 2009, 136, 257-267.	0.6	408
63	Microbiota restricts trafficking of bacteria to mesenteric lymph nodes by CX3CR1hi cells. <i>Nature</i> , 2013, 494, 116-120.	13.7	405
64	Periodontal disease and the oral microbiota in new-onset rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3083-3094.	6.7	399
65	Cytokine Signals Are Sufficient for HIV-1 Infection of Resting Human T Lymphocytes. <i>Journal of Experimental Medicine</i> , 1999, 189, 1735-1746.	4.2	397
66	A cryptic sensor for HIV-1 activates antiviral innate immunity in dendritic cells. <i>Nature</i> , 2010, 467, 214-217.	13.7	397
67	Flexible Use of Nuclear Import Pathways by HIV-1. <i>Cell Host and Microbe</i> , 2010, 7, 221-233.	5.1	396
68	Requirement for Lymphoid Tissue-Inducer Cells in Isolated Follicle Formation and T Cell-Independent Immunoglobulin A Generation in the Gut. <i>Immunity</i> , 2008, 29, 261-271.	6.6	395
69	Signal Transduction Due to HIV-1 Envelope Interactions with Chemokine Receptors CXCR4 or CCR5. <i>Journal of Experimental Medicine</i> , 1997, 186, 1793-1798.	4.2	383
70	c-MAF-dependent regulatory T cells mediate immunological tolerance to a gut pathobiont. <i>Nature</i> , 2018, 554, 373-377.	13.7	379
71	Requirement for Tec Kinases Rlk and Itk in T Cell Receptor Signaling and Immunity. <i>Science</i> , 1999, 284, 638-641.	6.0	373
72	The RNaseIII enzyme Drosha is critical in T cells for preventing lethal inflammatory disease. <i>Journal of Experimental Medicine</i> , 2008, 205, 2005-2017.	4.2	343

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73	The Role of CXCR4 in Maintaining Peripheral B Cell Compartments and Humoral Immunity. <i>Journal of Experimental Medicine</i> , 2004, 200, 1145-1156.	4.2	341
74	Restoration of lymphoid organ integrity through the interaction of lymphoid tissue-inducer cells with stroma of the T cell zone. <i>Nature Immunology</i> , 2008, 9, 667-675.	7.0	331
75	Maternal retinoids control type 3 innate lymphoid cells and set the offspring immunity. <i>Nature</i> , 2014, 508, 123-127.	13.7	321
76	CX3CR1+ mononuclear phagocytes support colitis-associated innate lymphoid cell production of IL-22. <i>Journal of Experimental Medicine</i> , 2014, 211, 1571-1583.	4.2	320
77	Chemokine Receptors: Keys to AIDS Pathogenesis?. <i>Cell</i> , 1998, 93, 677-680.	13.5	318
78	Opposing Effects of PKC δ and WASp on Symmetry Breaking and Relocation of the Immunological Synapse. <i>Cell</i> , 2007, 129, 773-785.	13.5	316
79	The envelope glycoprotein of the human immunodeficiency virus binds to the immunoglobulin-like domain of CD4. <i>Nature</i> , 1988, 334, 159-162.	13.7	312
80	Human Immunodeficiency Virus Type 1 Activates Plasmacytoid Dendritic Cells and Concomitantly Induces the Bystander Maturation of Myeloid Dendritic Cells. <i>Journal of Virology</i> , 2004, 78, 5223-5232.	1.5	305
81	Altered T cell receptor signaling and disrupted T cell development in mice lacking <i>Itk</i> . <i>Immunity</i> , 1995, 3, 757-769.	6.6	299
82	A Genomic Regulatory Element That Directs Assembly and Function of Immune-Specific AP-1-IRF Complexes. <i>Science</i> , 2012, 338, 975-980.	6.0	298
83	Impaired NFATc Translocation and Failure of Th2 Development in <i>Itk</i> -Deficient CD4+ T Cells. <i>Immunity</i> , 1999, 11, 399-409.	6.6	294
84	Primary Human Immunodeficiency Virus Type 2 (HIV-2) Isolates, Like HIV-1 Isolates, Frequently Use CCR5 but Show Promiscuity in Coreceptor Usage. <i>Journal of Virology</i> , 1999, 73, 2343-2349.	1.5	292
85	Inactivation of Notch1 in immature thymocytes does not perturb CD4 or CD8 T cell development. <i>Nature Immunology</i> , 2001, 2, 235-241.	7.0	274
86	Protein Kinase C δ Inhibits Insulin Signaling by Phosphorylating IRS1 at Ser1101. <i>Journal of Biological Chemistry</i> , 2004, 279, 45304-45307.	1.6	274
87	The <i>Prevotella copri</i> Complex Comprises Four Distinct Clades Underrepresented in Westernized Populations. <i>Cell Host and Microbe</i> , 2019, 26, 666-679.e7.	5.1	274
88	The neuronal chemokine CX3CL1/fractalkine selectively recruits NK cells that modify experimental autoimmune encephalomyelitis within the central nervous system. <i>FASEB Journal</i> , 2006, 20, 896-905.	0.2	263
89	The role of the Runx transcription factors in thymocyte differentiation and in homeostasis of naive T cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 1945-1957.	4.2	262
90	GPR15-Mediated Homing Controls Immune Homeostasis in the Large Intestine Mucosa. <i>Science</i> , 2013, 340, 1456-1459.	6.0	251

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91	Novel bile acid biosynthetic pathways are enriched in the microbiome of centenarians. <i>Nature</i> , 2021, 599, 458-464.	13.7	251
92	THE REGULATION OF CD4 AND CD8 CORECEPTOR GENE EXPRESSION DURING T CELL DEVELOPMENT. <i>Annual Review of Immunology</i> , 1999, 17, 523-554.	9.5	243
93	Serum Amyloid A Proteins Induce Pathogenic Th17 Cells and Promote Inflammatory Disease. <i>Cell</i> , 2020, 180, 79-91.e16.	13.5	243
94	Requirement for CARMA1 in Antigen Receptor-Induced NF- κ B Activation and Lymphocyte Proliferation. <i>Current Biology</i> , 2003, 13, 1252-1258.	1.8	242
95	Polymorphism in the β 3 domain of HLA-A molecules affects binding to CD8. <i>Nature</i> , 1989, 338, 345-347.	13.7	240
96	Genetic Evidence Supporting Selection of the V β 14i NKT Cell Lineage from Double-Positive Thymocyte Precursors. <i>Immunity</i> , 2005, 22, 705-716.	6.6	240
97	Reversing behavioural abnormalities in mice exposed to maternal inflammation. <i>Nature</i> , 2017, 549, 482-487.	13.7	240
98	The chemokine KC, but not monocyte chemoattractant protein-1, triggers monocyte arrest on early atherosclerotic endothelium. <i>Journal of Clinical Investigation</i> , 2001, 108, 1307-1314.	3.9	239
99	A kinase-independent function of Lck in potentiating antigen-specific T cell activation. <i>Cell</i> , 1993, 74, 633-643.	13.5	238
100	Short- and long-term effects of oral vancomycin on the human intestinal microbiota. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 128-136.	1.3	233
101	Reciprocal regulation of CD4/CD8 expression by SWI/SNF-like BAF complexes. <i>Nature</i> , 2002, 418, 195-199.	13.7	230
102	Repression of interleukin-4 in T helper type 1 cells by Runx/Cbfb ² binding to the <i>IL4</i> silencer. <i>Journal of Experimental Medicine</i> , 2007, 204, 1749-1755.	4.2	228
103	Nonredundant Function of Soluble TGF β ₃ Produced by Innate Lymphoid Cells in Intestinal Homeostasis. <i>Science</i> , 2013, 342, 1243-1246.	6.0	227
104	PKC- δ knockout mice are protected from fat-induced insulin resistance. <i>Journal of Clinical Investigation</i> , 2004, 114, 823-827.	3.9	226
105	Regulation of the TCR β repertoire by the survival window of CD4+CD8+ thymocytes. <i>Nature Immunology</i> , 2002, 3, 469-476.	7.0	219
106	Evidence for a stochastic mechanism in the differentiation of mature subsets of T lymphocytes. <i>Cell</i> , 1993, 73, 237-247.	13.5	217
107	CXCL12-Producing Vascular Endothelial Niches Control Acute T Cell Leukemia Maintenance. <i>Cancer Cell</i> , 2015, 27, 755-768.	7.7	216
108	Fusion-Competent Vaccines: Broad Neutralization of Primary Isolates of HIV. <i>Science</i> , 1999, 283, 357-362.	6.0	215

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109	The Primate Lentiviral Receptor Bonzo/STRL33 Is Coordinately Regulated with CCR5 and Its Expression Pattern Is Conserved Between Human and Mouse. <i>Journal of Immunology</i> , 2000, 165, 3284-3292.	0.4	213
110	How Punctual Ablation of Regulatory T Cells Unleashes an Autoimmune Lesion within the Pancreatic Islets. <i>Immunity</i> , 2009, 31, 654-664.	6.6	212
111	Neutralization Profiles of Primary Human Immunodeficiency Virus Type 1 Isolates in the Context of Coreceptor Usage. <i>Journal of Virology</i> , 1998, 72, 6988-6996.	1.5	208
112	A Chemokine, SDF-1, Reduces the Effectiveness of Multiple Axonal Repellents and Is Required for Normal Axon Pathfinding. <i>Journal of Neuroscience</i> , 2003, 23, 1360-1371.	1.7	205
113	Canonical and alternate functions of the microRNA biogenesis machinery. <i>Genes and Development</i> , 2010, 24, 1951-1960.	2.7	203
114	Protein Kinase C δ Is Critical for the Development of In Vivo T Helper (Th)2 Cell But Not Th1 Cell Responses. <i>Journal of Experimental Medicine</i> , 2004, 200, 181-189.	4.2	200
115	Internalization of the human immunodeficiency virus does not require the cytoplasmic domain of CD4. <i>Nature</i> , 1988, 334, 162-165.	13.7	198
116	CXCR7 influences leukocyte entry into the CNS parenchyma by controlling abluminal CXCL12 abundance during autoimmunity. <i>Journal of Experimental Medicine</i> , 2011, 208, 327-339.	4.2	194
117	Identification of Natural ROR γ Ligands that Regulate the Development of Lymphoid Cells. <i>Cell Metabolism</i> , 2015, 21, 286-298.	7.2	193
118	RUNX proteins in transcription factor networks that regulate T-cell lineage choice. <i>Nature Reviews Immunology</i> , 2009, 9, 106-115.	10.6	192
119	Feeding-dependent VIP neuron-ILC3 circuit regulates the intestinal barrier. <i>Nature</i> , 2020, 579, 575-580.	13.7	191
120	Limited tumor infiltration by activated T effector cells restricts the therapeutic activity of regulatory T cell depletion against established melanoma. <i>Journal of Experimental Medicine</i> , 2008, 205, 2125-2138.	4.2	185
121	The role of the nuclear hormone receptor ROR γ 1/2 in the development of lymph nodes and Peyer's patches. <i>Immunological Reviews</i> , 2003, 195, 81-90.	2.8	184
122	ThPOK acts late in specification of the helper T cell lineage and suppresses Runx-mediated commitment to the cytotoxic T cell lineage. <i>Nature Immunology</i> , 2008, 9, 1131-1139.	7.0	184
123	Viral receptors of the immunoglobulin superfamily. <i>Cell</i> , 1989, 56, 725-728.	13.5	183
124	Transcription factors RUNX1 and RUNX3 in the induction and suppressive function of Foxp3+ inducible regulatory T cells. <i>Journal of Experimental Medicine</i> , 2009, 206, 2701-2715.	4.2	183
125	Runx-CBF β complexes control expression of the transcription factor Foxp3 in regulatory T cells. <i>Nature Immunology</i> , 2009, 10, 1170-1177.	7.0	181
126	Severe B Cell Deficiency in Mice Lacking the Tec Kinase Family Members Tec and Btk. <i>Journal of Experimental Medicine</i> , 2000, 192, 1611-1624.	4.2	177

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127	CD8 γ -Mediated Survival and Differentiation of CD8 Memory T Cell Precursors. <i>Science</i> , 2004, 304, 590-593.	6.0	177
128	Role for CXCR6 in Recruitment of Activated CD8+ Lymphocytes to Inflamed Liver. <i>Journal of Immunology</i> , 2005, 174, 277-283.	0.4	176
129	The Genome of Th17 Cell-Inducing Segmented Filamentous Bacteria Reveals Extensive Auxotrophy and Adaptations to the Intestinal Environment. <i>Cell Host and Microbe</i> , 2011, 10, 260-272.	5.1	175
130	Transcriptional regulatory networks in Th17 cell differentiation. <i>Current Opinion in Immunology</i> , 2009, 21, 146-152.	2.4	171
131	Epigenetic silencing of CD4 in T cells committed to the cytotoxic lineage. <i>Nature Genetics</i> , 2001, 29, 332-336.	9.4	170
132	Small molecule inhibitors of $\text{ROR}\gamma$: Targeting Th17 cells and other applications. <i>European Journal of Immunology</i> , 2012, 42, 2232-2237.	1.6	168
133	Regulation of IL-4 Expression by Activation of Individual Alleles. <i>Immunity</i> , 1998, 9, 217-228.	6.6	164
134	Exclusive and Persistent Use of the Entry Coreceptor CXCR4 by Human Immunodeficiency Virus Type 1 from a Subject Homozygous for $\text{CCR5}^{\Delta 32}$. <i>Journal of Virology</i> , 1998, 72, 6040-6047.	1.5	163
135	Identification and sequence of a fourth human T cell antigen receptor chain. <i>Nature</i> , 1987, 330, 569-572.	13.7	161
136	Neutralization Sensitivity of Human Immunodeficiency Virus Type 1 Primary Isolates to Antibodies and CD4-Based Reagents Is Independent of Coreceptor Usage. <i>Journal of Virology</i> , 1998, 72, 1876-1885.	1.5	160
137	CXCR4 acts as a costimulator during thymic β -selection. <i>Nature Immunology</i> , 2010, 11, 162-170.	7.0	155
138	Modulation of immune homeostasis by commensal bacteria. <i>Current Opinion in Microbiology</i> , 2011, 14, 106-114.	2.3	154
139	DDX5 and its associated lncRNA Rmp modulate TH17 cell effector functions. <i>Nature</i> , 2015, 528, 517-522.	13.7	154
140	Segmented Filamentous Bacteria Provoke Lung Autoimmunity by Inducing Gut-Lung Axis Th17 Cells Expressing Dual TCRs. <i>Cell Host and Microbe</i> , 2017, 22, 697-704.e4.	5.1	150
141	Protein Kinase C β II Regulates Akt Phosphorylation on Ser-473 in a Cell Type- and Stimulus-specific Fashion. <i>Journal of Biological Chemistry</i> , 2004, 279, 47720-47725.	1.6	149
142	Critical Role for the Microbiota in CX3CR1+ Intestinal Mononuclear Phagocyte Regulation of Intestinal T _H Cell Responses. <i>Immunity</i> , 2018, 49, 151-163.e5.	6.6	148
143	Runx1 prevents wasting, myofibrillar disorganization, and autophagy of skeletal muscle. <i>Genes and Development</i> , 2005, 19, 1715-1722.	2.7	143
144	Use of Coreceptors Other Than CCR5 by Non-Syncytium-Inducing Adult and Pediatric Isolates of Human Immunodeficiency Virus Type 1 Is Rare In Vitro. <i>Journal of Virology</i> , 1998, 72, 9337-9344.	1.5	142

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145	Unusual intron in the immunoglobulin domain of the newly isolated murine CD4 (L3T4) gene. <i>Nature</i> , 1987, 325, 453-455.	13.7	130
146	Helper T-cell development in the absence of CD4-p56 lck association. <i>Nature</i> , 1993, 364, 729-732.	13.7	127
147	SIRT1 deacetylates ROR γ t and enhances Th17 cell generation. <i>Journal of Experimental Medicine</i> , 2015, 212, 607-617.	4.2	126
148	Drosha regulates neurogenesis by controlling Neurogenin 2 expression independent of microRNAs. <i>Nature Neuroscience</i> , 2012, 15, 962-969.	7.1	117
149	Distinct Polysaccharide Utilization Profiles of Human Intestinal <i>Prevotella copri</i> Isolates. <i>Cell Host and Microbe</i> , 2019, 26, 680-690.e5.	5.1	115
150	Cutting Edge: Organogenesis of Nasal-Associated Lymphoid Tissue (NALT) Occurs Independently of Lymphotoxin- β (LT β) and Retinoic Acid Receptor-Related Orphan Receptor- β , but the Organization of NALT Is LT β Dependent. <i>Journal of Immunology</i> , 2002, 168, 986-990.	0.4	114
151	Runx3 Regulates Integrin β E/CD103 and CD4 Expression during Development of CD4 β /CD8+ T Cells. <i>Journal of Immunology</i> , 2005, 175, 1694-1705.	0.4	112
152	An Enhancer That Directs Lineage-Specific Expression of CD8 in Positively Selected Thymocytes and Mature T Cells. <i>Immunity</i> , 1997, 7, 537-547.	6.6	111
153	Releasing the Brakes on Cancer Immunotherapy. <i>Cell</i> , 2015, 162, 1186-1190.	13.5	111
154	Evidence for Distinct CD4 Silencer Functions at Different Stages of Thymocyte Differentiation. <i>Molecular Cell</i> , 2002, 10, 1083-1096.	4.5	109
155	Distinct Roles of Brd2 and Brd4 in Potentiating the Transcriptional Program for Th17 Cell Differentiation. <i>Molecular Cell</i> , 2017, 65, 1068-1080.e5.	4.5	108
156	Disruption of T lymphocyte positive and negative selection in mice lacking the CD8 β chain. <i>Immunity</i> , 1994, 1, 277-285.	6.6	106
157	Multiple Developmental Stage-Specific Enhancers Regulate CD8 Expression in Developing Thymocytes and in Thymus-Independent T Cells. <i>Immunity</i> , 1998, 9, 485-496.	6.6	105
158	The inducible deletion of Drosha and microRNAs in mature podocytes results in a collapsing glomerulopathy. <i>Kidney International</i> , 2011, 80, 719-730.	2.6	105
159	Characterization of an expressed CDS-associated T β -chain reveals C β domain polymorphism. <i>Nature</i> , 1987, 326, 85-88.	13.7	104
160	Critical role of IRF1 and BATF in forming chromatin landscape during type 1 regulatory cell differentiation. <i>Nature Immunology</i> , 2017, 18, 412-421.	7.0	103
161	Protein kinase C δ : signaling from the center of the T-cell synapse. <i>Current Opinion in Immunology</i> , 2002, 14, 323-330.	2.4	102
162	Stem cell exhaustion due to Runx1 deficiency is prevented by Evi5 activation in leukemogenesis. <i>Blood</i> , 2010, 115, 1610-1620.	0.6	101

#	ARTICLE	IF	CITATIONS
163	Harnessing CD4+ T cell responses in HIV vaccine development. <i>Nature Medicine</i> , 2013, 19, 143-149.	15.2	101
164	CD11 ^{high} Dendritic Cell Ablation Impairs Lymphopenia-Driven Proliferation of Naive and Memory CD8+ T Cells. <i>Journal of Immunology</i> , 2005, 175, 6428-6435.	0.4	98
165	Apoptotic Signaling through the β_2 -Adrenergic Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 20726-20733.	1.6	97
166	Progress Toward a Human CD4/CCR5 Transgenic Rat Model for De Novo Infection by Human Immunodeficiency Virus Type 1. <i>Journal of Experimental Medicine</i> , 2002, 195, 719-736.	4.2	97
167	The Chemokine Stromal Cell-Derived Factor-1 Promotes the Survival of Embryonic Retinal Ganglion Cells. <i>Journal of Neuroscience</i> , 2003, 23, 4601-4612.	1.7	91
168	Participation of CD4 coreceptor molecules in T-cell repertoire selection. <i>Nature</i> , 1991, 349, 241-243.	13.7	87
169	Leveraging chromatin accessibility for transcriptional regulatory network inference in T Helper 17 Cells. <i>Genome Research</i> , 2019, 29, 449-463.	2.4	87
170	Actin Dynamics Regulates Dendritic Cell-Mediated Transfer of HIV-1 to T Cells. <i>Cell</i> , 2016, 164, 695-709.	13.5	83
171	PKC δ Signals Activation versus Tolerance In Vivo. <i>Journal of Experimental Medicine</i> , 2004, 199, 743-752.	4.2	82
172	Mice deficient in the chemokine receptor CXCR4 exhibit impaired limb innervation and myogenesis. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 494-505.	1.0	80
173	Dynamic MicroRNA Gene Transcription and Processing during T Cell Development. <i>Journal of Immunology</i> , 2012, 188, 3257-3267.	0.4	80
174	Dendritic Cell-Mediated trans -Enhancement of Human Immunodeficiency Virus Type 1 Infectivity Is Independent of DC-SIGN. <i>Journal of Virology</i> , 2007, 81, 2519-2523.	1.5	79
175	Niche-Selective Inhibition of Pathogenic Th17 Cells by Targeting Metabolic Redundancy. <i>Cell</i> , 2020, 182, 641-654.e20.	13.5	77
176	Runx1 Protects Hematopoietic Stem/Progenitor Cells from Oncogenic Insult. <i>Stem Cells</i> , 2007, 25, 2976-2986.	1.4	74
177	Functional and Antigenic Characterization of Human, Rhesus Macaque, Pigtailed Macaque, and Murine DC-SIGN. <i>Journal of Virology</i> , 2001, 75, 10281-10289.	1.5	72
178	The role of the Runx transcription factors in thymocyte differentiation and in homeostasis of naive T cells. <i>Journal of Experimental Medicine</i> , 2008, 205, 1939-1939.	4.2	72
179	Regulation of DNA methylation dictates Cd4 expression during the development of helper and cytotoxic T cell lineages. <i>Nature Immunology</i> , 2015, 16, 746-754.	7.0	72
180	Characterization of Transcriptional Regulatory Networks that Promote and Restrict Identities and Functions of Intestinal Innate Lymphoid Cells. <i>Immunity</i> , 2019, 51, 185-197.e6.	6.6	72

#	ARTICLE	IF	CITATIONS
181	Chemokine receptors in lymphoid organ homeostasis. <i>Current Opinion in Immunology</i> , 1999, 11, 319-325.	2.4	68
182	Caspase-8 and c-FLIPL Associate in Lipid Rafts with NF- κ B Adaptors during T Cell Activation. <i>Journal of Biological Chemistry</i> , 2007, 282, 19365-19374.	1.6	68
183	Species-Specific Restriction of Apobec3-Mediated Hypermutation. <i>Journal of Virology</i> , 2008, 82, 1305-1313.	1.5	68
184	Hiding in Plain Sight: How HIV Evades Innate Immune Responses. <i>Cell</i> , 2011, 147, 271-274.	13.5	66
185	A <i>Listeria monocytogenes</i> Bacteriocin Can Target the Commensal <i>Prevotella copri</i> and Modulate Intestinal Infection. <i>Cell Host and Microbe</i> , 2019, 26, 691-701.e5.	5.1	66
186	The functional impact of the intestinal microbiome on mucosal immunity and systemic autoimmunity. <i>Current Opinion in Rheumatology</i> , 2015, 27, 381-387.	2.0	65
187	BCR selection and affinity maturation in Peyer's patch germinal centres. <i>Nature</i> , 2020, 582, 421-425.	13.7	65
188	Combined Deletion of CD8 Locus cis-Regulatory Elements Affects Initiation but Not Maintenance of CD8 Expression. <i>Immunity</i> , 2002, 16, 623-634.	6.6	63
189	G protein-coupled receptors in HIV and SIV entry: New perspectives on lentivirus-host interactions and on the utility of animal models. <i>Seminars in Immunology</i> , 1998, 10, 225-236.	2.7	61
190	The SDF-1/CXCR4 pathway and the development of the cerebellar system. <i>European Journal of Neuroscience</i> , 2005, 22, 1831-1839.	1.2	60
191	Epigenetic gene silencing by Runx proteins. <i>Oncogene</i> , 2004, 23, 4341-4345.	2.6	58
192	Epigenetic propagation of CD4 expression is established by the CD4 proximal enhancer in helper T cells. <i>Genes and Development</i> , 2010, 24, 659-669.	2.7	58
193	NK cell-activating receptors require PKC- ζ for sustained signaling, transcriptional activation, and IFN- γ secretion. <i>Blood</i> , 2008, 112, 4109-4116.	0.6	57
194	Disruption of CD8-dependent negative and positive selection of thymocytes is correlated with a decreased association between CD8 and the protein tyrosine kinase, p56lck. <i>European Journal of Immunology</i> , 1992, 22, 735-743.	1.6	56
195	Identification of Potent and Selective Diphenylpropanamide ROR γ 3 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 79-84.	1.3	56
196	Murine T Cells Potently Restrict Human Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 2004, 78, 12537-12547.	1.5	52
197	Impact of the TCR Signal on Regulatory T Cell Homeostasis, Function, and Trafficking. <i>PLoS ONE</i> , 2009, 4, e6580.	1.1	52
198	Generation and Characterization of Ecto-ADP-Ribosyltransferase ART2.1/ART2.2-Deficient Mice. <i>Molecular and Cellular Biology</i> , 2002, 22, 7535-7542.	1.1	51

#	ARTICLE	IF	CITATIONS
199	Natural resistance to HIV?. <i>Nature</i> , 1996, 382, 668-669.	13.7	48
200	I κ B Negatively Regulates Induction of α CD4 T Cell Proliferation by CD28 Costimulation. <i>Journal of Experimental Medicine</i> , 1997, 186, 221-228.	4.2	48
201	Attenuation of Acute Graft-versus-Host Disease in the Absence of the Transcription Factor ROR γ t. <i>Journal of Immunology</i> , 2012, 189, 1765-1772.	0.4	48
202	Deciphering the regulatory landscape of fetal and adult T β 17 T α 1 cell development at single-cell resolution. <i>EMBO Journal</i> , 2020, 39, e104159.	3.5	48
203	Neutralizing Antibodies in Sera from Macaques Immunized with Attenuated Simian Immunodeficiency Virus. <i>Journal of Virology</i> , 1998, 72, 6950-6955.	1.5	45
204	Myd88 Is Required for an Antibody Response to Retroviral Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000298.	2.1	44
205	Microbiota: Host Interactions in Mucosal Homeostasis and Systemic Autoimmunity. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 193-201.	2.0	43
206	Thymocyte lineage commitment: is it instructed to stochastic?. <i>Current Opinion in Immunology</i> , 1994, 6, 266-272.	2.4	42
207	The CD4 α CD8 Lineage Choice: New Insights into Epigenetic Regulation during T Cell Development. <i>Advances in Immunology</i> , 2004, 83, 55-89.	1.1	41
208	Lineage Diversion of T Cell Receptor Transgenic Thymocytes Revealed by Lineage Fate Mapping. <i>PLoS ONE</i> , 2008, 3, e1512.	1.1	40
209	After Hrs with HIV. <i>Journal of Cell Biology</i> , 2003, 162, 371-375.	2.3	38
210	CD4-Specific Transgenic Expression of Human Cyclin T1 Markedly Increases Human Immunodeficiency Virus Type 1 (HIV-1) Production by CD4 + T Lymphocytes and Myeloid Cells in Mice Transgenic for a Provirus Encoding a Monocyte-Tropic HIV-1 Isolate. <i>Journal of Virology</i> , 2006, 80, 1850-1862.	1.5	38
211	Nramp1 expression by dendritic cells modulates inflammatory responses during <i>Salmonella</i> Typhimurium infection. <i>Cellular Microbiology</i> , 2008, 10, 1646-1661.	1.1	38
212	Nonequivalent effects of PKC activation by PMA on murine CD4 and CD8 cell surface expression. <i>FASEB Journal</i> , 1988, 2, 2801-2806.	0.2	36
213	miRNAs Are Essential for the Regulation of the PI3K/AKT/FOXO Pathway and Receptor Editing during B α Cell Maturation. <i>Cell Reports</i> , 2016, 17, 2271-2285.	2.9	34
214	Reshaping of the Dendritic Cell Chromatin Landscape and Interferon Pathways during HIV Infection. <i>Cell Host and Microbe</i> , 2018, 23, 366-381.e9.	5.1	34
215	Functional and Molecular Analysis of the Double-Positive Stage-Specific CD8 Enhancer E8III during Thymocyte Development. <i>Journal of Immunology</i> , 2005, 174, 1513-1524.	0.4	33
216	Transcription factor AP4 modulates reversible and epigenetic silencing of the Cd4 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14873-14878.	3.3	33

#	ARTICLE	IF	CITATIONS
217	RUNX Transcription Factor-Mediated Association of Cd4 and Cd8 Enables Coordinate Gene Regulation. <i>Immunity</i> , 2011, 34, 303-314.	6.6	32
218	Coreceptor Specificity of Temporal Variants of Simian Immunodeficiency Virus Mne. <i>Journal of Virology</i> , 1999, 73, 1655-1660.	1.5	32
219	Mice Transgenic for CD4-Specific Human CD4, CCR5 and Cyclin T1 Expression: A New Model for Investigating HIV-1 Transmission and Treatment Efficacy. <i>PLoS ONE</i> , 2013, 8, e63537.	1.1	31
220	Inhibition of thymocyte negative selection by T cell receptor antagonist peptides. <i>European Journal of Immunology</i> , 1996, 26, 532-538.	1.6	30
221	Relief of Preintegration Inhibition and Characterization of Additional Blocks for HIV Replication in Primary Mouse T Cells. <i>PLoS ONE</i> , 2008, 3, e2035.	1.1	30
222	Heritable Gene Regulation in the CD4:CD8 T Cell Lineage Choice. <i>Frontiers in Immunology</i> , 2017, 8, 291.	2.2	29
223	Stage-specific epigenetic regulation of CD4 expression by coordinated enhancer elements during T cell development. <i>Nature Communications</i> , 2018, 9, 3594.	5.8	29
224	HIV: master of the host cell. <i>Genome Biology</i> , 2001, 2, reviews1030.1.	13.9	28
225	The histone chaperone CAF-1 cooperates with the DNA methyltransferases to maintain <i>Cd4</i> silencing in cytotoxic T cells. <i>Genes and Development</i> , 2019, 33, 669-683.	2.7	27
226	c-MAF-dependent perivascular macrophages regulate diet-induced metabolic syndrome. <i>Science Immunology</i> , 2021, 6, eabg7506.	5.6	27
227	Disrupting Hepatocyte Cyp51 from Cholesterol Synthesis Leads to Progressive Liver Injury in the Developing Mouse and Decreases RORC Signalling. <i>Scientific Reports</i> , 2017, 7, 40775.	1.6	26
228	Itk and Fyn Make Independent Contributions to T Cell Activation. <i>Journal of Experimental Medicine</i> , 1997, 186, 2069-2073.	4.2	25
229	HIV's Vagina Travelogue. <i>Immunity</i> , 2007, 26, 145-147.	6.6	22
230	HIV immunology needs a new direction. <i>Nature</i> , 2008, 455, 591-591.	13.7	22
231	Human cyclin T1 expression ameliorates a T-cell-specific transcriptional limitation for HIV in transgenic rats, but is not sufficient for a spreading infection of prototypic R5 HIV-1 strains ex vivo. <i>Retrovirology</i> , 2009, 6, 2.	0.9	21
232	Redundant cytokine requirement for intestinal microbiota-induced Th17 cell differentiation in draining lymph nodes. <i>Cell Reports</i> , 2021, 36, 109608.	2.9	21
233	Arkadia-SKI/SnoN signaling differentially regulates TGF- β -induced iTreg and Th17 cell differentiation. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	18
234	Do the Microbiota Influence Vaccines and Protective Immunity to Pathogens?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a029355.	2.3	17

#	ARTICLE	IF	CITATIONS
235	Immunodeficiency Viruses: Not enough sans Nef. <i>Current Biology</i> , 1994, 4, 618-620.	1.8	16
236	Visualization of mucosal homeostasis via single- and multiphoton intravital fluorescence microscopy. <i>Journal of Leukocyte Biology</i> , 2012, 92, 413-419.	1.5	15
237	A Comprehensive Map of the Monocyte-Derived Dendritic Cell Transcriptional Network Engaged upon Innate Sensing of HIV. <i>Cell Reports</i> , 2020, 30, 914-931.e9.	2.9	15
238	The Kinase-dependent Function of Lck in T-Cell Activation Requires an Intact Site for Tyrosine Autophosphorylation. <i>Annals of the New York Academy of Sciences</i> , 1995, 766, 99-116.	1.8	12
239	Lung eosinophils elicited during allergic and acute aspergillosis express ROR γ t and IL-23R but do not require IL-23 for IL-17 production. <i>PLoS Pathogens</i> , 2021, 17, e1009891.	2.1	12
240	IMMUNOLOGY: Asymmetry and Immune Memory. <i>Science</i> , 2007, 315, 1673-1674.	6.0	9
241	Regulated Movement of CD4 In and Out of the Immunological Synapse. <i>Journal of Immunology</i> , 2008, 181, 8248-8257.	0.4	9
242	How Thymocytes Achieve Their Fate. <i>Journal of Immunology</i> , 2016, 196, 1983-1984.	0.4	9
243	SPNS2 enables T γ cell egress from lymph nodes during an immune response. <i>Cell Reports</i> , 2021, 36, 109368.	2.9	9
244	Response to Comment on "Thymic Origin of Intestinal γ T Cells Revealed by Fate Mapping of ROR γ t+ Cells". <i>Science</i> , 2005, 308, 1553b-1553b.	6.0	7
245	Regulation of ROR γ t in Inflammatory Lymphoid Cell Differentiation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2015, 80, 257-263.	2.0	7
246	Human GLI-2 Is a Tat Activation Response Element-Independent Tat Cofactor. <i>Journal of Virology</i> , 2001, 75, 2314-2323.	1.5	6
247	Tcf1 and Lef1 pack their own HDAC. <i>Nature Immunology</i> , 2016, 17, 615-616.	7.0	6
248	Selection and Lineage Specification in the Thymus: Commitment 4-Stalled. <i>Immunity</i> , 2005, 23, 4-5.	6.6	4
249	CD4 expression in effector T cells depends on DNA demethylation over a developmentally established stimulus-responsive element. <i>Nature Communications</i> , 2022, 13, 1477.	5.8	4
250	Immune cell control of nutrient absorption. <i>Science</i> , 2021, 371, 1202-1203.	6.0	3
251	A rare intestinal infection with systemic effects. <i>Gastroenterology and Hepatology</i> , 2012, 8, 60-3.	0.2	1
252	Arrangements and Rearrangements of the Human T-cell Receptor Gamma Gene. <i>Annals of the New York Academy of Sciences</i> , 1987, 511, 232-245.	1.8	0

#	ARTICLE	IF	CITATIONS
253	From the Thymus to the Mucosa: A Three-Decade Journey. <i>Journal of Immunology</i> , 2017, 199, 2183-2187.	0.4	0
254	IL-17 is Required for CD4-Mediated Graft-Versus-Host Disease. <i>FASEB Journal</i> , 2008, 22, .	0.2	0
255	Attenuated Acute Graft-Versus-Host Disease Following Allogeneic Stem Cell Transplantation In the Absence of ROR γ t. <i>Blood</i> , 2010, 116, 3742-3742.	0.6	0
256	Quantitative Measurements of HIV-1 and Dextran Capture by Human Monocyte-derived Dendritic Cells (MDDCs). <i>Bio-protocol</i> , 2016, 6, .	0.2	0